you should either turn your speaker volume down or turn key clicking off with the Control Panel desk accessory.

Copy Protection

Tiger version 1.2 can be run in the MPE under KCS version 4.0 without inserting an additional key disk. Tiger can also run stand-alone. Even if you purchased Tiger with KCS 4.0, you may wish to run it stand-alone if you are working on a very large file. When you do so, you will be asked to insert the KCS key disk when you boot the program. If you purchased Tiger version 1.2 separately, it will be shipped on, or with, a key disk, which must be inserted every time you run the program.

TIGER VERSION 1.2 SUPPLEMENT

This supplement describes the changes that have been made to Tiger for version 1.2, which is included with KCS Version 4.0 and is also available as a stand-alone program. The most important changes are the support of external synchronization, support of multiple MIDI outputs, and real-time recording.

Multiple MIDI Outputs

Tiger version 1.2 supports up to four independent MIDI outputs. A single additional MIDI output port can be obtained by using DR.T's Phantom MIDI synchronization box. You do not have to run the Phantom software in order to use the extra output port provided. Three additional output ports can be obtained by using C-Lab's *Export* box. The four possible output ports are labeled A, B, C and D.

If you are running in the MPE, Tiger will use the multi-port settings being used by KCS. If you load a KCS version 4.0 .ALL file into Tiger, you will load in the port settings used by that file. These settings can be changed with the Environment and Output Map options in the Utilities menu.

The Environment edit window has an additional setting for the number of ports used. This should be set in your KCS DEFAULT.ENV file and your Tiger startup file to the number of ports in your system. This edit window also allows you to set the output port for rechannelized MIDI input data. This port will only be used if the rechannelize toggle switch is on.The Output Map option calls up an edit window that allows you to specify the output port for merges (as opposed to rechannelized) data. If you prefer to set the MIDI channel on your master keyboard, you can use the Output Map to specify the output port for data on each channel. The output port for each track in the display is shown to the right of the MIDI channel. Right click on the left bracket to assign the track to the next lower output port, and right click on the right bracket to go higher.

Synchronization

Tiger version 1.2 can be synchronized to either SMPTE (using the Phantom), or MIDI song pointer. SMPTE synchronization occurs automatically when a SMPTE signal is received from the tape once the Phantom has been loaded into the MPE with KCS and Tiger. As of this writing, the most recent version of the Phantom requires you to synchronize once within KCS before synchronizing within Tiger. We hope to have this solved by the time we ship KCS 4.0, but you may need to obtain the latest version of the Phantom software.

MIDI clock sync can be activated by setting the *Sync to MIDI Clock* toggle switch on the Play Menu. Setting this switch will NOT prevent you from controlling the program with the mouse and computer keyboard, except when you are actually syncing.You should leave this switch OFF unless you are actually using MIDI sync. It is very easy to accidentally create a MIDI clock loop, which will cause the program to keep telling itself to start itself, if you are both receiving and sending MIDI clock.

File Format Changes

KCS .ALL files now include the additional data (such as menu settings and display formats) that was stored in .TIG files in the original Tiger. .TIG files are now obsolete, but existing ones can be loaded with the Load .Tig menu option. The Open and Save options now refer to .ALL files. If you are using a KCS version 3.0 file, and that file used Song 15 in the old Song Mode, the Tiger data will not be saved. Once the Song Editor is run, Song Mode songs are converted into Song Editor songs, and will not conflict with Tiger data.KCS version 4.0 will also save all Tiger data in .TRK files. This allows you to save your Tiger options and display formats along with your track image.

Real-Time Recording

Tiger version 1.2 has a 'no-frills', but very useful, recording capability. Selecting this option puts you in a 'Special Mouse Mode', and highlights the Play Menu. As soon as you start the program playing, it will be ready to record a new sequence. This recording will use the current record settings (Rechannelize, Controllers, etc.) from KCS, but will be unquantized regardless of the KCS setting. Recording ends when playing ends or loops, or when you press a key or mouse button. A recording in progress can be cancelled by pressing the Undo key. The program will immediately restart play, allowing you to record another take. This feature allows the recording of new tracks even when Tiger is running stand-alone. It can also be useful within the MPE, as the scrolling Tiger screen can provide cues by showing you the existing music.

Step-Time Recording

Some minor improvements have been made to step-time recording. If you are in legato or half-legato mode, and change the note separation (with either F3 or F4, or programs 2 or 3 from your keyboard controller), the durations of notes entered on the previous step will be adjusted to reflect the new value. In the original Tiger, recording starts one repeat time past the last selected note, and starts at the beginning of the track if no notes are selected. In Tiger V1.2, if there are no notes selected and a range is up, recording starts at the first step past the end of the range.Notes entered in step-time are limited in length to 999 time steps.

Extended Mouse Cursor

The mouse cursor can be temporarily extended to reach the ends of the display, horizontally and vertically, by pressing the Help key. This makes it easier to align notes in pitch and time. The cursor will only be extended while the Help key is held down. If you plan to use this feature a lot,